

# USER MANUAL

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# HDMI AMPLIFIER SPLITTER

## DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

## 1.0 INTRODUCTION

The HDMI Amplifier Splitter allows two HDMI devices to be switched easily into four HDTV HDMI compatible monitors or projectors. Simply connect your HDTV displays to the Splitter's display outputs. The HDMI Splitter can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

The HDMI Amplifier Splitter offers solutions for HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

## 1.1 FEATURES

This HDMI Amplifier Splitter has many features that enable it to perform in a superior manner. Among those features you will find:

- Easy to Use: Install in seconds, no need for setting
- Switching: Inputs could be switched between two HDMI Sources.
- Support HDMI1.3b.
- Support highest video resolution 1080p.
- Support 225MHz/2.25Gbps per channel(6.75Gbps all channel) bandwidth.
- Support 12bit per channel (36bit all channel) deep color.
- Support HDCP.
- Support uncompressed audio such as LPCM
- Support compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)

## 2.0 SPECIFICATIONS

<b>Signal Inputs/Output</b>	
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920X1080p
Output Video	HDMI 1.3b+ HDCP1.0/1.1
<b>Operating Frequency</b>	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	2.25Gbps/225MHz
<b>Resolutions(HDTV)</b>	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
<b>Mechanical</b>	



Size(L-W-H)	270×181×40mm
Weight(Net)	1416g
<b>Warranty</b>	
Limited Warranty	1 Year Parts and Labor
<b>Environmental</b>	
Operating Temperature	0°C to +70°C
Operating Humidity	10% to 80 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
<b>Power Requirement</b>	
External Power Supply	5V DC@ 3A
Power Consumption(max)	12 W
<b>Regulatory Approvals</b>	
Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC
<b>Accessories Adapter</b>	
AC Power Adapter	US standard, UK standard and so on
User Manual	

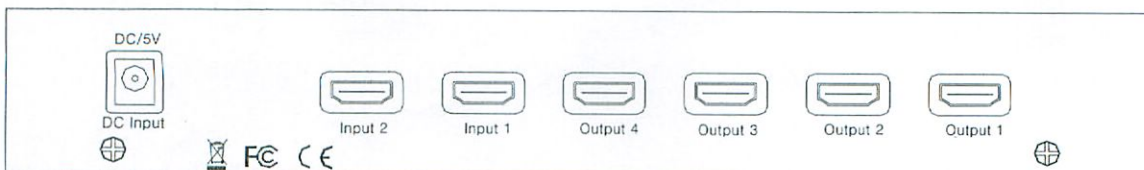
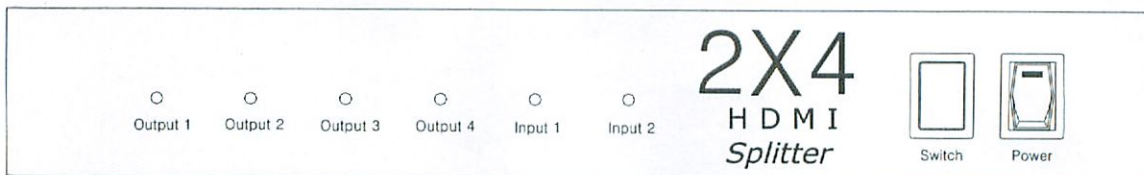
**Note:** Specifications are subject to change without notice. Weight and dimensions are approximate.

### 3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- 1) Main unit.
- 2) 5V DC Power Supply.
- 3) User's Manual. (HDMI cables are optional)

### 4.0 PANEL DESCRIPTIONS



## 5.0 CONNECTION AND OPERATION

- 1) Connect the HDMI input source into the HDMI Amplifier Splitter. (Input cables are optional)
- 2) Insert the DC side of 5V power supply into the HDMI Amplifier Splitter and then connect the AC side of the power supply into the wall outlet.
- 3) Turn on the power.
- 4) Press "Switch" button to switch Input source from Input1 to Input2 manually, Input1 auto selected when not pressed

Attention: Insert / Extract cable gently.

## 5.1 CONNECTION DIAGRAM

